

# ISO 14934-3:2012-05 (E)

## Fire tests - Calibration and use of heat flux meters - Part 3: Secondary calibration method

---

Contents	Page
<b>Foreword .....</b>	<b>iv</b>
<b>Introduction .....</b>	<b>v</b>
<b>1 Scope .....</b>	<b>1</b>
<b>2 Normative references .....</b>	<b>1</b>
<b>3 Terms and definitions .....</b>	<b>1</b>
<b>4 Principle .....</b>	<b>1</b>
<b>5 Transfer calibration .....</b>	<b>1</b>
<b>5.1 General .....</b>	<b>1</b>
<b>5.2 Apparatus .....</b>	<b>1</b>
<b>5.3 Test environment .....</b>	<b>5</b>
<b>5.4 Set-up procedure .....</b>	<b>5</b>
<b>5.5 Calibration procedure .....</b>	<b>8</b>
<b>5.6 Calculation of results .....</b>	<b>8</b>
<b>6 Secondary calibration in a primary furnace .....</b>	<b>9</b>
<b>6.1 General .....</b>	<b>9</b>
<b>6.2 Expression of results .....</b>	<b>10</b>
<b>7 Report .....</b>	<b>10</b>
<b>Annex A (informative) Accuracy of calibration .....</b>	<b>11</b>
<b>Annex B (informative) Care of heat flux meters .....</b>	<b>12</b>
<b>Annex C (informative) Guidance notes for carrying out calibration .....</b>	<b>13</b>
<b>Annex D (informative) Procedure recommended for maintenance of a secondary standard of irradiance at a test laboratory .....</b>	<b>15</b>
<b>Bibliography .....</b>	<b>16</b>